

Curriculum prof. Riccardo Nunzio Barbagallo

Education, Training, Work Experience

- Associate Professor in the AGR1-07/A research sector, competitive sector 07/F1 "Food Science and Technology", affiliated with the Department of Agriculture, Food and Environment (Di3A) of the University of Catania. Researcher in the AGR15 disciplinary scientific sector (Food Science and Technology) at the University of Catania since November 1995. Graduated in 1992 in Agricultural Sciences with a grade of *110/110 e lode* from the University of Catania and qualified as an agronomist in the first session of 1993. Contractor in 1993 on the RAISA-CNR Finalized Project entitled "Structure and Competitiveness of the Main Production Sectors in the Agro-industry in Southern Italy: Citrus Fruit and Citrus Products." CNR grant recipient in 1994 for research on "Innovation of semi-finished products and ingredients." Permanent researcher since 1996, assigned to the AGR15-07/A sector.
- Since the 1997-1998 academic year, prof. Barbagallo was engaged in intense research and teaching. The research activity is supported by a total of approximately 230 scientific publications in international journals, nationally distributed journals, conference proceedings, etc. Of these, 69 publications have been reviewed by Scopus/Web of Science and published in qualified international journals with referees, a high impact factor (F) and awarded a high h-index (h).
- Scientific responsible of numerous annual and biennial University Research Programs (PRA 2001-2002, 2003-2004, 2005-2006, 2007-2008, 2009, 2010-2011, 2012 and subsequent years, up to the most recent Piaceri Projects 2024-2025); member of the University Research Funding Programs (FIR 2014-2016 code ABAA52, FIR 2016-2018 code 5A722192117); component of National and Regional Research Projects (PRIN Call 2004 "Biological and technical innovations for IV range horticultural products" – Prot. 2004073571_008; PRIN Call 2011 "Valorization of by-products of the citrus industry through the extraction of bioactive substances" – Prot. 2009XZ7XAB_001; PRIN Call 2017 "Triticum and Brassica crop wild relative conservation and use" - Prot. 20174KTLRJ; PON Call 2007-2013 "PESCA TEC - Development of a Sustainable and Competitive Sicilian Fishery Through Technological Innovation" – Prot. 02_00451_3362121; CNR Project "Made in Italy Agroalimentare" (CISIA) 2012-2013 for the "Study of biochemical activities responsible for maintaining the structure and color of the fruit and the antioxidant properties in storage tomato ecotypes, through the analysis of the enzymatic profile"); external component in the projects, MiPAF "RAVAGRU 2008" and PON 2017-2013 "SHELF LIFE - Integrated use of innovative technological approaches to improve the shelf life and preserve the nutritional properties of agri-food products" Prot. 02_00451_3361909; component of the OP FESR Sicily 2014-2020 "Product and process innovations in the agro-industrial processing of fruits from Mediterranean crops and sustainable management of by-products".
- From 2004 to the present (2025), he has carried out extensive evaluation activities as a referee for scientific journals indexed by Scopus/Web of Science (Biotechnology Progress, Carbohydrate Polymers, Enzyme and Microbial Technology, Food Chemistry, Food Packaging and Shelf Life, Food Research International, International Journal of Food Science & Technology, Italian Journal of Food Science, Journal Agriculture and Food Chemistry, Journal of Food Engineering, LWT - Food Science and Technology, Nutritional Journal, Phytochemistry). Referee in 2012 of the papers presented at the 3rd International Conference on Industrial Biotechnology (IBIC2012). In 2013, he was a university reviewer on the Jury of the National Award "L'Italia delle Tipicità. Enogastronomy e Cultura," organized by the Italian Book Association, based in Rome, as part of the national awards for scientific dissemination.
- From 2004 to the present (2025), he was a referee for project proposals at the national level, and networking activities.

Educational activities

- For the 2025-2026 academic year, Professor Barbagallo is a professor of the following three disciplines:
 - ✓ 9799198 FOOD QUALITY AND SAFETY MANAGEMENT (41R Food Science and Technology L-26 R)
 - ✓ 1008029 FOOD TECHNOLOGY (Z98 Agricultural Science and Technology L-25 R)
 - ✓ 9796551 FOOD TECHNOLOGY AND FOOD CHEMISTRY (42B Human Nutrition Sciences LM-61 R)

- Starting from the 1997-1998 academic year, he has held a total of no. 64 official teaching positions within the five-year, three-year, specialist, and master's degree programs offered at the University of Catania, covering disciplines included in SSD AGR15 (53 courses taught - Agricultural Industries, Food Technology, Complements of Food Technology, Food Processing, Food Processes and Technologies, Quality and Safety Management, Quality and Safety for HORECA, Citrus Product Technology, Food Biotechnology) and SSD AGR16 (11 courses taught - Food Microbiology, Agricultural Microbiology, Soil Microbiology).

- Starting in the 1995-1996 academic year, he collaborated on supplementary activities for the Food Technology II, Chemistry, and Dairy Technology courses within the Degree Course in Food Science and Technology at the University of Catania.

- Professor of the SISIS courses (Academic Years 2005-2006; 2006-2007; 2008-2009), TFA (Academic Years 2012-2013; 2014-2015), CFDA (Academic Year 1996-1997; 1997-1998), IFTS (Academic Year 2007-2008) and ASFI (Training courses for teachers on ordinary positions) for the A031 students (Academic Years 2023-2024 and 2024-2025).

- Member of the Admissions Committee for the knowledge assessment test required for selection and admission to the Master's Degree in "Food Science and Technology" for the academic years 2014-2015 (Prot. No. 100990), 2016-2017 (Prot. No. 108058), 2018-2019 (Prot. No. 121907), and 2023-2024 (Prot. No. 132301).

- Supervisor since the 1999-2000 academic year of n. 83 degree theses in the courses "Food Science and Technology," "Agricultural Science and Technology," and "Agri-Food Business Management," as well as doctoral theses, as well as tutor of over n. 160 training internships (2025) for the same degree programs.

- Representative for the University of Catania for an annual "Interuniversity Agreement LLP ERASMUS" 2013-2014 and a biennial "Inter-institutional Agreement Erasmus Placement" 2014-2016 - Foreign Coordinator: Prof. Francisco Artés Calero, University Professor, Department of Food Engineering - Head of the Post-recruitment and Refrigeration Group - Director of the Plant Biotechnology Institute - Universidad Politécnica de Cartagena (Spain) of an educational-scientific nature.

- Visiting Professor of the Master in "Técnicas Avanzadas en Investigación y Desarrollo Agrario y Alimentario" (2013-2014/2014-2015) and member of the European Doctorate Commission in Postrecolección y Refrigeración (2015) at the invitation of the responsible prof. Francisco Artés Calero, university professor. Dpto. Food Engineering - Plant Biotechnology Institute - Cartagena Polytechnic University - Pº Alfonso XIII, 48. E-30203 Cartagena (Murcia), Spain, with specific reference to Dr. Natalia Falagán Sama's thesis on "Effects of deficit irrigation management on stone fruit quality and postharvest behavior" and within the framework of the national project of the Ministry of Economy and Competitiveness of Spain (Code AGL2010-19201-C04-02-AGR).
○ Member of the Doctoral School in "Food Science and Technology" at the University of Catania, continuously for the three-year cycles XVIII/XXV.

o Member of the Doctoral Committee in "Food Production and Technology" at the University of Catania, continuously for the three-year cycles XXVI/XXVIII. o Member of the Doctoral Committee in "Agricultural, Food, and Environmental Science" at the University of Catania, continuously for the three-year cycles XXIX/XXXIV. The formation process of the Committee involved a selective evaluation of aspiring members based on scientific merit, as attested by publications listed on Scopus/Web of Science. o Member of the TFA Committees, for admission of freshmen to the three-year degree programs, for the awarding of scholarships, contractual teaching positions, etc.